

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

January 31, 2008

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 1/31/2008	%AVERAGE 1/31/2008	Reading Date	COMMENTS
	Full Pool Contents	AVERAGE 1960 - 2007	Last Year 1/31/2007	Last Month 12/31/2007	PRESENT 1/31/2008				
ACKLEY	6,140	3,214	2,204	2,140	2,172	35	68	2/7/08	from Lewistown RO gd = 27.2' (1847af)
BAIR	7,300	3,503	1,800	1,537	1,600	22	46	1/31/08	from Keith Hill -- estimate
CATARACT	1,478	427	500	333	363	25	85	1/31/08	estimated 30 af increase
COONEY	28,230	18,044	16,800	17,170	16,882	60	94	2/4/08	from Dave Adair (Billings RO)
COTTONWOOD	1,900	492	5	190	190	10	39	1/31/08	estimated no change
DEADMAN'S BASIN	75,968	41,307	37,000	23,119	23,060	30	56	1/25/08	from Terri Hice gd = 32.3' (19310 af)
E.F. ROCK CREEK	16,040	7,832	5,796	8,900	9,584	60	122	1/31/08	from data logger
FRENCHMAN	3,752	2,425	1,823	1,415	1,415	38	58	1/31/08	from Gus Yeska - no change
MARTINSDALE	23,348	8,183	0	0	0	0	0	1/31/08	drained for construction, supply canal dry
MIDDLE CREEK	10,184	5,826	6,000	6,359	6,359	62	109	1/31/08	assumed inflow = outflow
NEVADA CREEK	11,207	4,713	4,810	4,595	4,595	41	97	2/1/08	from Jim Beck sd = 156.5'
NILAN	10,992	5,683	6,300	5,392	5,687	52	100	2/1/08	from Jim Beck gd = 21.73' (4787 af)
N.F.K. SMITH RIVER	11,406	5,779	4,100	4,685	4,765	42	82	2/5/08	from Howard Zehntner sd = 228'
RUBY RIVER	36,633	24,001	25,000	19,900	22,634	62	94	2/1/08	from Neil Todd sd = 151'
TONGUE RIVER	79,071	37,079	48,900	50,983	51,244	65	138	1/25/08	from Mark Van Haele
W.F. BITTERROOT	32,362	4,622	9,500	9,254	9,139	28	198	2/4/08	from Al Pernichele
WILLOW CREEK	18,000	11,746	14,000	10,715	11,715	65	100	1/31/08	estimated 1000 AF increase
YELLOWWATER	3,842	904	127	600	600	16	66	1/31/08	estimated no change

* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.